

LAHIVE  
&  
COCKFIELD  
LLP

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNSKI  
RALPH A. LOREN  
GIULIO A. DeCONTI, JR.  
ANN LAMPORT HAMMITTE  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
PETER C. LAURO  
JEANNE M. DIGIORGIO  
DEBRA J. MILASINCIC, Ph.D.  
DAVID J. RIKKERS  
DAVID R. BURNS  
JOHN S. CURRAN  
SEAN D. DETWEILER

04/10  
CYNTHIA L. KANIK, Ph.D.  
MEGAN E. WILLIAMS, Ph.D.  
RICHANAND  
MICHAEL PHILLIPPS  
LISA M. DIROCCO  
HATHAWAY P. RUSSELL \*\*  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.  
PETER A. DIMATTIA  
VINCENT P. LOCCISANO  
MERIDETH C. ARNOLD

SENIOR COUNSEL  
JAMES E. COCKFIELD

OF COUNSEL  
JEREMIAH LYNCH  
WILLIAM A. SCOFIELD, JR.  
SIBILEY P. REPPERT

1647  
0450  
PATENT AGENTS  
THEODORE R. WEST  
SHAYNE Y. HUFF, Ph.D.  
DANIEL B. KO

TECHNICAL SPECIALISTS  
CYNTHIA M. SOROOS  
PETER W. DINI, Ph.D.  
EUIHOON LEE  
JENNIFER K. ROSENFELD  
ALLAN TAMESHTIT, Ph.D.  
CATHERINE E. McPHERSON  
ERIC F. WAGNER, Ph.D.  
SHAHID HASAN, Ph.D.  
JACOB G. WEINTRAUB  
JONATHAN M. SPARKS, Ph.D.  
CRISTIN E. HOWLEY, Ph.D.

\* Admitted in NY only  
\*\* Admitted in TX only

Commissioner for Patents  
Washington, D.C. 20231

July 3, 2002

RECEIVED

JUL 16 2002

TECH CENTER 1600/2900

Re: U.S. Patent Application No.: 10/028852  
For: MICROFLUIDIC SYSTEM INCLUDING A VIRTUAL WALL FLUID  
INTERFACE PORT FOR INTERFACING FLUIDS WITH THE  
MICROFLUIDIC SYSTEM

Inventors: Sebastian Böhm et al.

Filed: December 21, 2001

Our Ref. No.: CVZ-001A

COPY OF PAPERS  
ORIGINALLY FILED

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Copies of references cited in PTO Form 1449 (14); and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

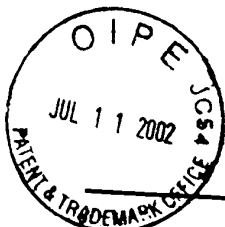
July 3, 2002

Date

Anthony A. Laurentano, Esq. Reg. No. 38,220

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

Anthony A. Laurentano, Esq.  
Registration No. 38,220  
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

JUL 16 2002

RECEIVED

In re the application of: Sebastian Böhm et al.

Serial No.: 10/028852

Filed: December 21, 2001

For: MICROFLUIDIC SYSTEM INCLUDING A  
VIRTUAL WALL FLUID INTERFACE PORT FOR  
INTERFACING FLUIDS WITH THE  
MICROFLUIDIC SYSTEM

Attorney Docket No.: CVZ-001A

Group Art Unit: 1641

Examiner:

COPY OF PAPERS  
ORIGINALLY FILED

Commissioner for Patents  
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

July 3, 2002

Date of Signature and of Mail Deposit

By:

*Anthony A. Laurentano*  
Anthony A. Laurentano, Esq.  
Registration No. 38,220  
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

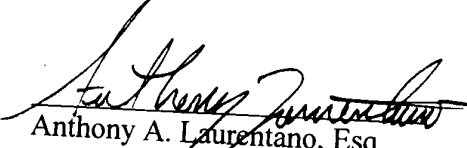
Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
Anthony A. Laurentano, Esq.  
Registration No. 38,220  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: July 3, 2002

EAH/AAL/CEM/kvj  
Enclosures

U.S. DEPARTMENT OF  
COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

Sheet 1 of 1

**LIST OF PUBLICATIONS CITED BY APPLICANT**  
(Use several sheets if necessary)

**CVZ-001A**

SERIAL NO.

**10/028852**

APPLICANT

**Sebastian Böhm et al.**

FILING DATE

**December 21, 2001**

GROUP

**1641**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	5,429,734	07/95	Gajar et al.			
	A2	5,529,465	06/96	Zengerle et al.	204	299 R	
	A3	5,757,482	05/98	Fuchs et al.	417	413.2	
	A4	5,858,804	01/99	Zanzucchi et al.	356	246	
	A5	5,922,591	07/99	Anderson et al.	436	536	
	A6	6,001,231	12/99	Kopf-Sill	435	287.2	
	A7	6,090,251	06/00	Sundberg et al.	204	454	
	A8	6,130,098	10/00	Handique et al.	204	453	
	A9	6,167,910 B1	01/01	Chow	436	180	
	A10	6,192,768 B1	02/01	Wallman et al.	137	827	
	A11	6,197,595 B1	03/01	Anderson et al.	73	864.83	
	A12	6,251,343 B1	06/01	Dubrow et al.	436	180	
					422	102	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

**OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)**

A13	Haswell, S.J., "Development and Operating Characteristics of Micro Flow Injection Analysis Systems Based on Electroosmotic Flow," <i>Analyst</i> . 1997 Jan; 122:1R-10R.
A14	Önnerfjord, P. et al., "Picoliter Sample Preparation in MALDI-TOF MS Using a Micromachined Silicon Flow-Through Dispenser," <i>Analytical Chemistry</i> . 1998 Nov 15; 70(22):4755-60.

Examiner	Date Considered
<p>*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

COPY OF PAPERS  
ORIGINALLY FILED

RECEIVED

JUL 16 2002  
TECH CENTER 1600/2900